# UNITED STATES PATENT AND TRADEMARK OFFICE

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| 10/009,073 | 02/19/2002 | Fumiaki Kagaya | 34226 | 4283 |

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DATE MAILED: 12/08/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

1)☒ Responsive to communication(s) filed on <u>21 September 2006</u>.

2a)☐ This action is **FINAL.**      2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

4)☒ Claim(s) <u>1-15</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-15</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

## Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on <u>19 February 2002</u> is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All  b)☐ Some * c)☐ None of:

        1.☐ Certified copies of the priority documents have been received.

        2.☐ Certified copies of the priority documents have been received in Application No. _____.

        3.☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

## DETAILED ACTION

1.    This Office Action is in response to a request for continued examination under 37 CFR

1.114, including the fee set forth in 37 CFR 1.17(e), which was filed in this application after

final rejection.  Since this application is eligible for continued examination under 37 CFR

1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the

previous Office action has been withdrawn pursuant to 37 CFR 1.114.  Applicant's

submission filed on 21 September 2006 has been entered.

2.    Claims 1, 3-10 and 15 were amended.

3.    Claims 1-15 are pending in this Office Action.

### *Response to Amendment*

4.    Applicant's amendments and arguments with respect to claims 1-15 filed on 21

September 2006 have been fully considered but they are deemed to be moot in view of the

new grounds of rejection.

### *Claim Rejections - 35 USC § 102*

5.    The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on
> sale in this country, more than one year prior to the date of application for patent in the United States.

6.    Claims 1-6, 9-11, and 13-15 rejected under 35 U.S.C. 102(e) as being anticipated by

Pinard et al. (GB 2306853).

7.      With respect to claim 1, Pinard teaches an information display apparatus comprising:

Voice call means for making voice calls via lines (Pinard, Fig. 1, element 7; page 4, lines 19-26); calling number acquisition means for acquiring a sender number of a calling party at call incoming (Pinard, page 5, lines 11-16); an internal data base that has sender data sets associated with sender numbers, where each data set includes data fields describing types of resources and at least one of a terminal location and a network location for each resource (Pinard, page 4, line 33 – page 5, line 26); a storage unit that can store terminal location resources (Pinard, page 4, line 33 – page 5, line 2); sender data retrieval means for retrieving sender data corresponding to the sender number acquired via the calling number acquisition means; resource identification means for automatically identifying a resource to be acquired and displayed according to the type of resource described in the sender data; terminal resource acquisition means for acquiring terminal location resources related to the sender data from the storage unit (Pinard, page 5, lines 17-26); data communication means equipped with an interface for making data communications via the lines (Pinard, page 4, lines 14-26); network resource acquisition means equipped with a series of network protocols for acquiring network location resources related to the sender data by using the data communication means (Pinard, page 5, lines 17-26); application selection means for automatically selecting an application corresponding to the acquired resource in order to process the acquired resource; and display means for displaying the acquired resource processed by the selected application at call incoming (Pinard, page 7, lines 13-24).

8.      With respect to claim 2, Pinard teaches the invention described in claim 1, including an

information display apparatus further comprising a display priority table to make the user be

able to set which resource is to be displayed first from a set of data described in the sender

data retrieval via the sender data retrieval means (Pinard, page 7, lines 13-24).

9.      With respect to claim 3, Pinard teaches the invention described in claim 1, including an

information display apparatus where the display means further comprises additional

information selection means and that the display means acquires additional information via

the terminal resource acquisition means in accordance with additional information described

in the sender data in order to display the additional information together with the acquired

resource and selected application at call incoming (Pinard, page 5, lines 17-26).

10.     With respect to claim 4, Pinard teaches the invention described in claim 1, including the

application selection means retrieves mail data corresponding to the mail address described

in the sender data retrieved by the data retrieval means from a plurality of mail data sets

stored in the storage unit that have been received via the terminal resource acquisition means,

and in case corresponding mail data are present, selects a mail application to automatically

display the latest mail data at call incoming (Pinard, page 10, lines 28-34).

11.     With respect to claim 5, Pinard teaches the invention described in claim 1, including the

application selection means automatically connects to a prespecified mail server via the

network resource acquisition means to retrieve mail data corresponding to the mail address

described in the sender data retrieved by the data retrieval means from mail data on the mail

server, and in case corresponding mail data are present, acquires mail data from the mail

server and selects an application to automatically display the latest mail data at call incoming

(Pinard, page 10, lines 28-34).

12.     With respect to claim 6, Pinard teaches the invention described in claim 1, including the

application selection means connects to a prespecified mail server and retrieves mail data

corresponding to the mail address described in the sender data from the mail server via the

network resource acquisition means, and retrieves mail data stored in the storage unit

corresponding to the mail address described in the sender data via the terminal resource

acquisition means to retrieve and acquire the latest mail data from both the mail server and

the storage unit, then selects a mail application to display the latest mail data at call incoming

(Pinard, page 10, lines 28-34).

13.     With respect to claim 9, Pinard teaches the invention described in claim 1, including an

information display apparatus where the display means displays the acquired resource

together with sound, music or voice data preset by the acquired resource or application to be

displayed at call incoming (Pinard, page 2, line 30 – page 3, line 8).

14.     With respect to claim 10, Pinard teaches the invention described in claim 1, including an

information display apparatus where display means displays the acquired resource together

with a background color or background data preset by the acquired resource or application to be displayed at call incoming (Pinard, page 2, line 30 – page 3, line 8).

15.    With respect to claim 11, Pinard teaches the invention described in claim 1, including an information display apparatus where another sender database is stored in a network server and accessed via the network resource acquisition means at call incoming for retrieval and acquisition of sender data corresponding to the sender number (Pinard, page 4, line 29 – page 5, line 2).

16.    With respect to claim 13, Pinard teaches the invention described in claim 1, including a portable information terminal, where the portable information terminal uses radio link networks and comprises an information display apparatus (Pinard, Fig. 1, element 7; page 4, lines 19-26).

17.    With respect to claim 14, Pinard teaches the invention described in claim 1, including a telephone set using public networks (Pinard, page 5, lines 7-8) and comprising an information display apparatus (Pinard, Fig. 1, element 7; page 4, lines 19-26).

18.    Claim 15 does not teach or define any new limitations above claim 1 and therefore is rejected for similar reasons.

## *Claim Rejections - 35 USC § 103*

19.     The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

20.     Claims 7, 8 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pinard

and further in view of Bedrosian et al. (U.S. 6,459,782).


Pinard teaches the invention substantially as claimed including a method of processing

incoming telephone calls is comprised of receiving an incoming call, and routing it to a

called telephone, displaying a icon related to the incoming call in a dominant manner on a

computer display of a computer associated with the called telephone, automatically retrieving

a file related to an identity of a calling line of the incoming call from a database, and

providing foreground access to the file to an operator of the computer (see Abstract).


21.     With respect to claim 7, Pinard teaches the invention described in claim 1, including an

information display apparatus comprising:

Voice call means for making voice calls via lines (Pinard, Fig. 1, element 7; page 4, lines

19-26); calling number acquisition means for acquiring a sender number of a calling party at

call incoming (Pinard, page 5, lines 11-16); an internal data base that has sender data sets

associated with sender numbers, where each data set includes data fields describing types of

resources and at least one of a terminal location and a network location for each resource

(Pinard, page 4, line 33 – page 5, line 26); a storage unit that can store terminal location resources (Pinard, page 4, line 33 – page 5, line 2); sender data retrieval means for retrieving sender data corresponding to the sender number acquired via the calling number acquisition means; resource identification means for automatically identifying a resource to be acquired and displayed according to the type of resource described in the sender data; terminal resource acquisition means for acquiring terminal location resources related to the sender data from the storage unit (Pinard, page 5, lines 17-26); data communication means equipped with an interface for making data communications via the lines (Pinard, page 4, lines 14-26); network resource acquisition means equipped with a series of network protocols for acquiring network location resources related to the sender data by using the data communication means (Pinard, page 5, lines 17-26); application selection means for automatically selecting an application corresponding to the acquired resource in order to process the acquired resource; and display means for displaying the acquired resource processed by the selected application at call incoming (Pinard, page 7, lines 13-24).

Pinard does not explicitly teach displaying a URL:

However, Bedrosian teaches an information display apparatus where in case the acquired resource to be displayed is a network resource (URL), the application selection means automatically acquires corresponding URL data via the network resource acquisition means (Bedrosian, col. 5, lines 41-44) and selects a web browser application to display the URL data at call incoming (Bedrosian, col. 5, line 63 – col. 6, line 22).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Pinard in view of Bedrosian in order to enable displaying a URL. One

would be motivated to do so in order to respond automatically to an incoming telephone call and generate navigational information such as detailed directions or maps that assist in navigating.

22.     With respect to claim 8, Pinard teaches the invention described in claim 1, including an information display apparatus comprising:

Voice call means for making voice calls via lines (Pinard, Fig. 1, element 7; page 4, lines 19-26); calling number acquisition means for acquiring a sender number of a calling party at call incoming (Pinard, page 5, lines 11-16); an internal data base that has sender data sets associated with sender numbers, where each data set includes data fields describing types of resources and at least one of a terminal location and a network location for each resource (Pinard, page 4, line 33 – page 5, line 26); a storage unit that can store terminal location resources (Pinard, page 4, line 33 – page 5, line 2); sender data retrieval means for retrieving sender data corresponding to the sender number acquired via the calling number acquisition means; resource identification means for automatically identifying a resource to be acquired and displayed according to the type of resource described in the sender data; terminal resource acquisition means for acquiring terminal location resources related to the sender data from the storage unit (Pinard, page 5, lines 17-26); data communication means equipped with an interface for making data communications via the lines (Pinard, page 4, lines 14-26); network resource acquisition means equipped with a series of network protocols for acquiring network location resources related to the sender data by using the data communication means (Pinard, page 5, lines 17-26); application selection means for

automatically selecting an application corresponding to the acquired resource in order to process the acquired resource; and display means for displaying the acquired resource processed by the selected application at call incoming (Pinard, page 7, lines 13-24).

Pinard does not explicitly teach displaying a URL.

However, Bedrosian teaches an information display apparatus where in case the acquired resource to be displayed is a terminal location resource (Bedrosian, col. 5, lines 41-44) the application selection means acquires corresponding data via the terminal resource acquisition means and selects a web browser to display the data at call incoming (Bedrosian, col. 5, line 63 – col. 6, line 22).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Pinard in view of Bedrosian in order to enable displaying a URL. One would be motivated to do so in order to respond automatically to an incoming telephone call and generate navigational information such as detailed directions or maps that assist in navigating.

23.     With respect to claim 12, Pinard teaches the invention described in claim 1, including an information display apparatus comprising:

Voice call means for making voice calls via lines (Pinard, Fig. 1, element 7; page 4, lines 19-26); calling number acquisition means for acquiring a sender number of a calling party at call incoming (Pinard, page 5, lines 11-16); an internal data base that has sender data sets associated with sender numbers, where each data set includes data fields describing types of resources and at least one of a terminal location and a network location for each resource

(Pinard, page 4, line 33 – page 5, line 26); a storage unit that can store terminal location resources (Pinard, page 4, line 33 – page 5, line 2); sender data retrieval means for retrieving sender data corresponding to the sender number acquired via the calling number acquisition means; resource identification means for automatically identifying a resource to be acquired and displayed according to the type of resource described in the sender data; terminal resource acquisition means for acquiring terminal location resources related to the sender data from the storage unit (Pinard, page 5, lines 17-26); data communication means equipped with an interface for making data communications via the lines (Pinard, page 4, lines 14-26); network resource acquisition means equipped with a series of network protocols for acquiring network location resources related to the sender data by using the data communication means (Pinard, page 5, lines 17-26); application selection means for automatically selecting an application corresponding to the acquired resource in order to process the acquired resource; and display means for displaying the acquired resource processed by the selected application at call incoming (Pinard, page 7, lines 13-24).

Pinard does not explicitly teach if the corresponding sender data is not present in the internal memory, accessing a database via a network.

However, Bedrosian teaches an information display apparatus where the sender database is stored in the internal memory and another sender database is stored in a network server and that the data retrieval means searches the sender database stored in the memory at call incoming and, in case the corresponding sender data is not present, accesses the sender database via the network resource acquisition means to search the sender database on the server for the corresponding sender data (Bedrosian, col. 6, lines 32-46).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Pinard in view of Bedrosian in order to enable displaying a URL. One would be motivated to do so in order to respond automatically to an incoming telephone call and generate navigational information such as detailed directions or maps that assist in navigating.

## *Response to Arguments*

24.     Applicant's arguments filed 21 September 2006 have been fully considered, but they are

not persuasive for the reasons set forth below.


25.     Applicant's arguments have been considered but are moot in view of the new ground(s)

of rejection.

## *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alicia Baturay whose telephone number is (571) 272-3981. The examiner can normally be reached at M-Th 7:15 - 5pm, 2nd Fridays 7:15-3:45, and every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571) 272-4006. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Alicia Baturay
December 6, 2006

SALEH NAJJAR
SUPERVISORY PATENT EXAMINER